

Applicant : Paul E. Beckmann et al.  
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Attorney's Docket No.: 02103-390001

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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-79. (canceled)

80. (new) An audio reproduction system comprising:

a storage device containing a plurality of music files, each music file including at least a first and second type of metadata that characterizes the music file; and

a display device for displaying a user interface configured to present a first assemblage of the plurality of music files in a first set groups according to the first type of metadata associated with the music files, and, in response to a user selection of a group in the first assemblage, present a second assemblage of the music files in the selected group, wherein the second assemblage presents the music files in the selected group in a second set of groups according to the second type of metadata associated with the music files in the selected group.

81. (new) The audio reproduction system of claim 80 further comprising a processor and instruction stored on a computer-readable medium that when executed by the processor cause the processor to assemble the plurality of music files into the first set of groups based on the first type of metadata associated with each respective music file, and assemble the plurality of music files into the second set of groups based on the second type of metadata associated with each respective music file.

82. (new) The audio reproduction system of claim 81 further including instructions that cause the processor to detect an addition of a new music file to the plurality of music files after assembling the plurality of music files into two or more groups, and in response to detection of a

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new music file, automatically updating the first and second set of groups with the new music file based on first and second type of metadata associated with the new music file.

83. (new) The audio reproduction system of claim 80 wherein the first or second type of metadata comprise artist information.

84. (new) The audio reproduction system of claim 80 wherein the first or second type of metadata comprise album information.

85. (new) The audio reproduction system of claim 80 wherein the first or second type of metadata comprise composer information.

86. (new) The audio reproduction system of claim 80 wherein the first or second type of metadata comprise information about music type.

87. (new) The audio reproduction system of claim 80 wherein the storage device comprises a hard drive.

88. (new) The audio reproduction system of claim 80 wherein the display device comprises a monitor

89. (new) The audio reproduction system of claim 80 wherein the user interface is further configured to present information about a source of audio information.

90. (new) The audio reproduction system of claim 80 wherein the user interface is configured to present the first and second type of metadata associated with music files.

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91. (new) The audio reproduction system of claim 90 wherein the user interface is configured to permit a user to sort music files based on the presented metadata

92. (new) A machine readable medium comprising instructions that, when executed by a processor, cause the processor to:

provide a user interface for navigating a plurality of music files stored on a storage device, each music file associated with at least a first and second type of metadata;  
present within the user interface a first assemblage of a plurality of music files in a first set of groups according the first type of metadata associated with the plurality of music files; and

in response to a user selection of a group in the first set of groups, present within the user interface a second assemblage of the music files of the selected group in a second set of groups according to a second type of metadata associated with the music files of the selected group.

93. (new) The machine readable medium of claim 92 further comprising instructions that, when executed by the processor, cause the processor to:

detect an addition of a new music file to the plurality of music files after the plurality of music files have been assembled into the first and second sets of groups, and in response to detection of a new music file, automatically updating the first and second set of groups with the new music file based on first and second type of metadata associated with the new music file.

94. (new) An audio reproduction system comprising:

a sound reproduction device;

a mass storage device configured to store a plurality of music files each including at least a first and second type of metadata characterizing the respective music file;

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a computer configured to interface with the sound reproduction device and a network, the computer comprising:

a processor;

instructions stored on a computer-readable media that when executed, cause the processor to:

assemble the plurality of music files into a first set of groups based on the first metadata associated with each respective music file;

assemble the plurality of music files into a second set of groups based on the second metadata associated with each respective music file;

detect an addition of a new music file to the plurality of music files after assembling the plurality of music files into two or more groups; and

in response to detection of a new music file, automatically update the first and second set of groups with the new music file based on first and second type of metadata associated with the new music file.

95. (new) The audio reproduction system of claim 94 wherein the mass storage device is located within the computer.

96. (new) The audio reproduction system of claim 94 wherein the mass storage device is located externally to the computer.

97. (new) The audio reproduction device of claim 94 wherein the sound reproduction device comprises a radio tuner.

98. (new) The audio reproduction device of claim 94 wherein the sound reproduction device comprises circuitry for converting a music file to audible sound.

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99. (new) The audio reproduction device of claim 94 wherein instructions further cause the processor to receive music files from the network

100. (new) The audio reproduction device of claim 99 wherein the network comprises the Internet.

101. (new) The audio reproduction device of claim 94 wherein the first type of metadata comprises one or more of the following: artist, composer, album, and type of music.

102. (new) A machine readable medium associated with a sound reproduction system comprising a mass storage device containing a plurality of music files each having a first and second type of metadata, the computer readable medium comprising instructions that, when executed by a processor, cause the processor to:

- assemble the plurality of music files into a first set of groups based on the first type of metadata associated with each respective music file;

- assemble the plurality of music files into a second set of groups based on the second type of metadata associated with each respective music file;

- detect an addition of a new music file to the plurality of music files after assembling the plurality of music files into two or more groups; and

- in response to detection of a new music file, automatically update the first and second set of groups with the new music file based on first and second type of metadata associated with the new music file.

103. (new) A networked audio reproduction system comprising:

- a sound reproduction device;

- a storage device configured to store a plurality of music files each including metadata characterizing the respective music file;

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a computer configured to interface with the sound reproduction device and a network, the computer comprising:

a processor;

a display;

instructions stored on a computer-readable media that when executed, cause the processor to:

assemble the plurality of music files into a set of groups based on the metadata characterizing the music files;

present on the display a user interface that comprises a window having a first region for displaying information about available media sources, a second region for displaying information about a music file which has been selected by a user, and a third region for displaying information about the assembled groups of music files;

receive media files from the network; and

transmit media files to the mass storage device.

104. (new) The networked audio reproduction system of claim 103 wherein the mass storage device is located within the computer.